



# Global Solutions Platform for the Clean Economy

*Boston Convention and Exhibition Centre, October, 10-11, 2018*

*Presentation for US Climate Alliance*



WORLD CLIMATE LTD



# Horizon 2018 / Purpose

*Increased momentum for Clean Economy Solutions*

## Filling a gap in the market for a leading clean economy solutions event in the US.



Identify and support **matchmaking opportunities** between customers and solutions providers



Connect through the **online user-driven matchmaking app** prior to, during and after the event



Explore and use **clean economy innovations** in a leading-edge deployment framework



Build the network of **global leaders** and clean innovation ecosystems

# Horizon18 / Focus

*Focused on Connecting Customers with Solutions, Innovations, Investments, and Partnerships*

## Solutions



Leading-Edge and Current Solutions Showcase

## Innovation



Global Thought Leadership

## Investments



Matching Customers to Technology and Finance

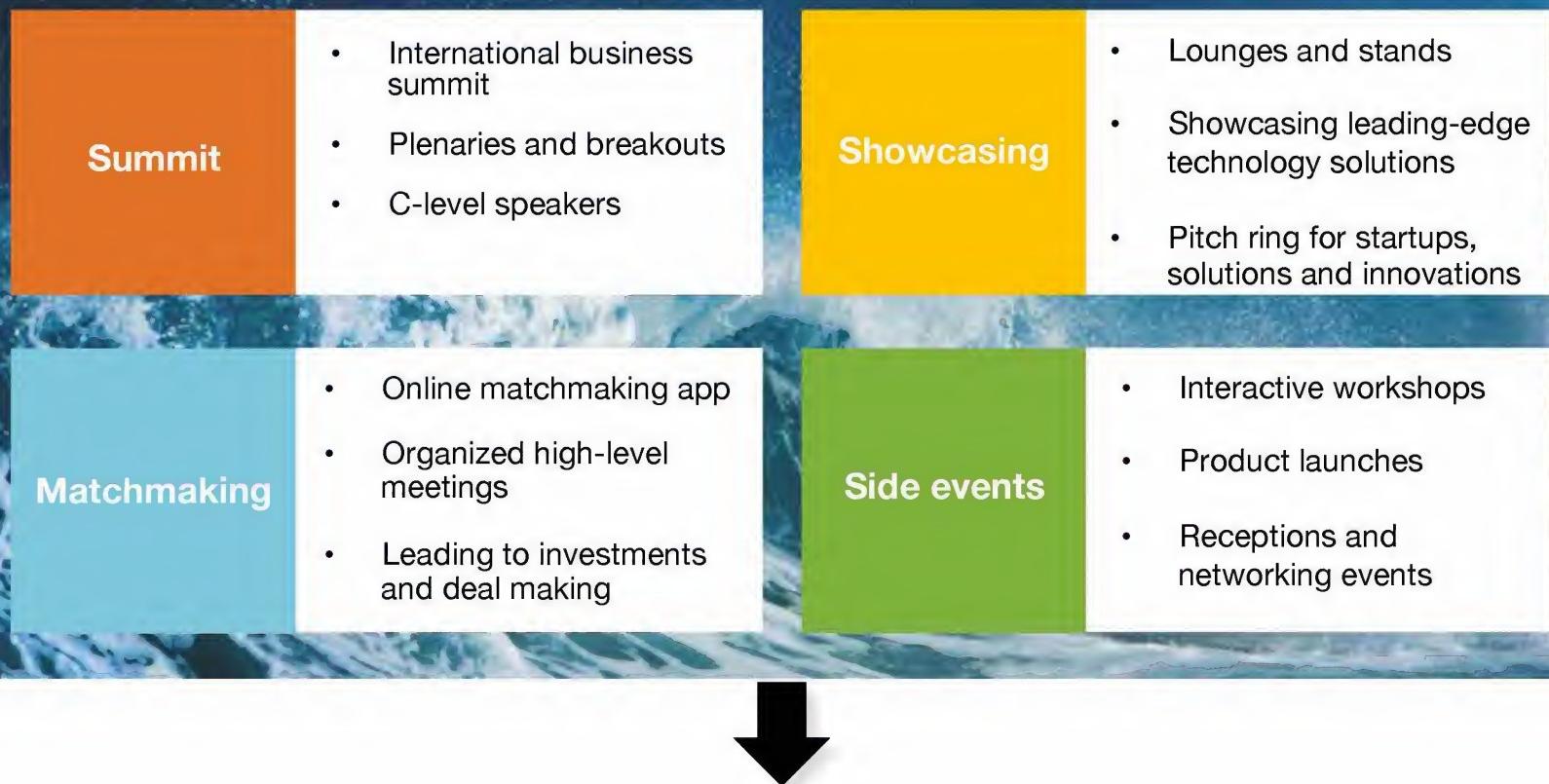
## Partnerships



Public-Private Partnerships

# Horizon18 / Format

*Integrated Format to Maximize Matchmaking and Outcomes*



**Customer Engagement / Deal Making / Projects / Partnerships / Global Relationship Building**

# Horizon18 / Stakeholder Landscape

A Customer Focused Platform

## Customer groups

Cities

States & Regions

Utilities

Businesses

Institutions &  
Universities

## Solution Providers

Technology providers

Service providers

Integrators

Consultants

Startups

## Financiers

Institutional investors

Commercial banks

Pension funds

Asset managers

# Horizon18 / Participants

*Focused on Getting Customers, Suppliers and Financiers Together*



**Horizon will gather 2000+ participants,  
engaging more than 200 partnering  
organizations and 400 speakers:**

## Organizations

- Fortune1000
- Emerging Providers
- Startups
- Utilities
- Developers
- Finance
- Clusters
- Cities
- States
- Countries
- Associations
- International Organizations

## Individuals

- CEOs
- Investors
- Policy/Public Sector Leaders
- Strategy Directors
- Production Managers
- Facility Managers
- Project Planners
- Innovation Leaders
- Sustainability Decision Makers
- Financial Experts
- Solutions Experts

# Horizon18 / Participants

## Horizon18 Partners and Invited Participants

### Corporates

Engie • Enel X • Ameresco • Anbaric • Mintz Levin •  
Redline Communications • Schneider Electric • Veolia •  
**Breakthrough Energy Coalition** • NEC Energy Solutions •  
Foley Hoag • HydroQuebec • BP Ventures • Holland &  
Knight • Eversource • Navigant • Apex Clean Energy • Shell  
• GE Power • National Grid • Equinor • Deepwater Wind •  
Avangrid • Direct Energy • Air Liquide • Ingersoll Rand •  
Vertiv • Siemens Gamesa • AddEnergie • CLEAResult •  
Orsted • Thinkstep • Greenlots • Jinko Solar • Fluence •  
NextERA • Boralex • Signify • First Solar • Charge Point •  
Cisco • ABB • EDP Renewables • Array Technologies •  
Fraunhofer • GM Ventures • Vestas • Schlumberger

### Finance

Bank of America Merrill Lynch • State  
Street • Wells Fargo • Trillium Asset  
Management • HSBC • Copenhagen  
Infrastructure Partners • Canaccord •  
Jefferies • Santander • Goldman Sachs •  
BlackRock • JP Morgan Chase •  
Connecticut Green Bank • NY Green Bank  
• European Investment Bank • Green  
Investment Group •

# Horizon18 / Participants

## Horizon18 Partners and Invited Participants

### Institutions

Clean Energy States Alliance • Barr Foundation • NYSERDA • IETA • Ceres • US Climate Alliance • MIT Climate CoLab • Greentown Labs • Edison Electric Institute • BU Institute for Sustainable Energy • C40 • New Hampshire Clean Tech Council • CABA • Second Nature • Bloomberg Philanthropies • Climate Group • CleanTech Open • REBA • MIT Energy Initiative • CDP • IETA • American Council on Renewable Energy • NEWIEE • The B Team • Global Covenant of Mayors for Climate & Energy • 100 Resilient Cities • E2Tech • We Mean Business • UN Global Compact • CIERP • Green Monsters • Solar Impulse Foundation • American Renewable Energy Institute • CPI • Climate Action Network • World Energy Council • International Energy Agency •

### City, State and Country Representatives

Boston • New York • Orlando • Toronto • Austin • San Francisco • Seattle • Vermont • Maine • Connecticut • Rhode Island • New Hampshire • Pittsburgh • Hawaii • Hartford • Colorado • Washington • Worcester • Springfield • Lowell • Cambridge • New Bedford • Los Angeles • Houston • Minnesota • Oregon • California • Quebec • Ontario • Canada • Mexico • France • Brazil • Chile • Denmark • Sweden • Finland • UK • Japan • Germany •

# Horizon18 / Program Model

*Connect Sectors, Industries, and Businesses for a New Clean Economy*

## SOLUTION AREAS



Energy



Industry



Cities



Transport



Water



Waste

## DRIVERS



Business  
Models



Innovation &  
Technology



Finance &  
Investment



Sustainability &  
Climate Change



Policy &  
Regulations

# Horizon18 Draft Program / Draft Schedule

## General Overview of Activities

| Format / Location              | Activities  |
|--------------------------------|---|
| <b>Plenary sessions</b>        | Keynotes, panel discussions, presentations  |
| <b>Breakout sessions</b>       | Project and solution-oriented discussions, dialogue between customers, solutions providers and investors                                      |
| <b>Workshops</b>               | Case studies, executive dialogues, lunch roundtables, best practice sessions, presentations of reports and publications, film screenings etc. |
| <b>Pitch Arena</b>             | 15 minutes pitches on innovations, technologies, projects, initiatives, business models, financing models, market gaps etc.                   |
| <b>Social Meeting Area</b>     | Press conferences, contests, award ceremonies, networking receptions etc.   |
| <b>Closed Matchmaking Area</b> | Private meetings, negotiation sessions, agreement signings, investor meetings, shark tanks and Dragons Den sessions etc.                      |
| <b>Open Matchmaking Area</b>   | Meeting points for user-driven matchmaking app, informal networking   |
| <b>Showcasing Area</b>         | Showcasing, product launches, receptions etc.   |

# Horizon18 Draft Program / October 10

## *Customer Solutions Intersections for Clean Economy Progress*

|               | <b>Plenary Hall</b>   | <b>Breakout Hall</b>  |
|---------------|---|---|
| 09:00 – 10:00 | <b>Opening Session:</b> Translating Climate Goals into Innovations, New Markets and Partnerships  | ---   |
| 10:00 – 11:00 | <b>Plenary 1:</b> Exploring District Scale Clean Energy Solutions: How Cities, Corporations and Institutions are Assessing District Energy, Microgrid Technology and Policy Options | <b>Breakout 1:</b> Innovative Alternatives for Decarbonization of Industry and End-Use: Greening Supply Chains  |
| 11:00 – 12:00 | <b>Plenary 2:</b> The Role of Cities as Customers, Planners, and Investors in Green Transportation Initiatives: Integrating Charging with Solar and Storage                         | <b>Breakout 2:</b> Community-Scale Microgrids: Smart Campus Microgrids and Models   |
| 12:00 – 13:00 | <b>Lunch and Networking</b>   | <b>Lunch and Networking</b>   |
| 13:00 – 14:00 | <b>Plenary 3:</b> Plans and Initiatives for Regional Clean Transportation Projects in the Northeast and Beyond  | <b>Breakout 3:</b> Financing Integrated Clean Economy Solutions: Energy, Storage and Microgrid  |
| 14:00 – 15:00 | <b>Networking Break</b>   | <b>Networking Break</b>   |
| 15:00 – 16:00 | <b>Plenary 4:</b> Intelligent and Efficient Buildings: Corporate Real Estate and Hospitals  | <b>Breakout 4:</b> Models for State, Regional and National Green Banks: Reducing Costs and Barriers to Capital for Clean Economy Projects and Investments |
| 16:00 – 17:00 | <b>Plenary 5:</b> Renewable PPAs: Combining Corporates and Cities as Major Renewable Customers  | <b>Breakout 5:</b> University Dorms and Campuses as Smart Building Living Lab   |

# Horizon18 Draft Program / October 11

*In-depth Dialogue Between Customers, Solution Providers and Financiers*

|               | <b>Plenary Hall</b>   | <b>Breakout Hall</b>   |
|---------------|---|--|
| 09:00 – 10:00 | <b>Plenary 6:</b> Zero Cities Project: Planning for Carbon Free Cities  | <b>Breakout 6:</b> The Increasing Role of Corporate Venture Capital in Financing the Clean Economy and Innovations |
| 10:00 – 11:00 | <b>Plenary 7:</b> Decarbonizing Northeast US by 2030: Utilities, Customer and Market Impacts, and Opportunities | <b>Breakout 7:</b> The Emerging Role of Blockchain: Game Changer for Smart City Development                        |
| 11:00 – 12:00 | <b>Plenary 8:</b> Accelerating Corporate, Government and Institutional Clean Energy Purchases                   | <b>Breakout 8:</b> Pioneering Innovative Approaches to Grid Modernization: Enabling Non-Wires Alternatives         |
| 12:00 – 13:00 | <b>Lunch and Networking</b>   | <b>Lunch and Networking</b>  |
| 13:00 – 14:00 | <b>Plenary 9:</b> Institutional Investors' Role in Driving Corporate Sustainability / ESG                       | <b>Breakout 9:</b> Expanding Use Cases for Clean Energy Storage  |
| 14:00 – 15:00 | <b>Networking Break</b>   | <b>Networking Break</b>  |
| 15:00 – 16:00 | <b>Plenary 10:</b> Sport Teams & Stadiums: Sustainability and Community-Scale Resiliency                        | <b>Breakout 10:</b> Mobilizing Public-Private Partnerships for Investments in Clean Economy Infrastructure         |
| 16:00 – 17:00 | <b>Closing Session:</b> Sustainable Horizons for the Clean Economy: Roadmap and Key Takeaways                   | ---  |

# Horizon18 Draft Program / Pitch Arena

15 Minutes Pitches Presenting Solutions for the Clean Economy

|               | October 10             | October 11             |
|---------------|------------------------|------------------------|
| 10:00 – 11:00 | - (Opening session)    | 4 x 15 minutes pitches |
| 11:00 – 12:00 | 4 x 15 minutes pitches | 4 x 15 minutes pitches |
| 12:00 – 13:00 | Lunch and Networking   | Lunch and Networking   |
| 13:00 – 14:00 | 4 x 15 minutes pitches | 4 x 15 minutes pitches |
| 14:00 – 15:00 | Networking Break       | Networking Break       |
| 15:00 – 16:00 | 4 x 15 minutes pitches | 4 x 15 minutes pitches |
| 16:00 – 17:00 | 4 x 15 minutes pitches | - (Closing session)    |

## Suggested pitches:

- Customer Needs
- Innovations
- Technologies
- Projects
- Initiatives
- Partnerships
- Project Challenges
- Business models
- Financing models
- Market gaps

Your imagination is the limit...

# Horizon18 / Draft Floor Plan

Boston Convention and Exhibition Centre

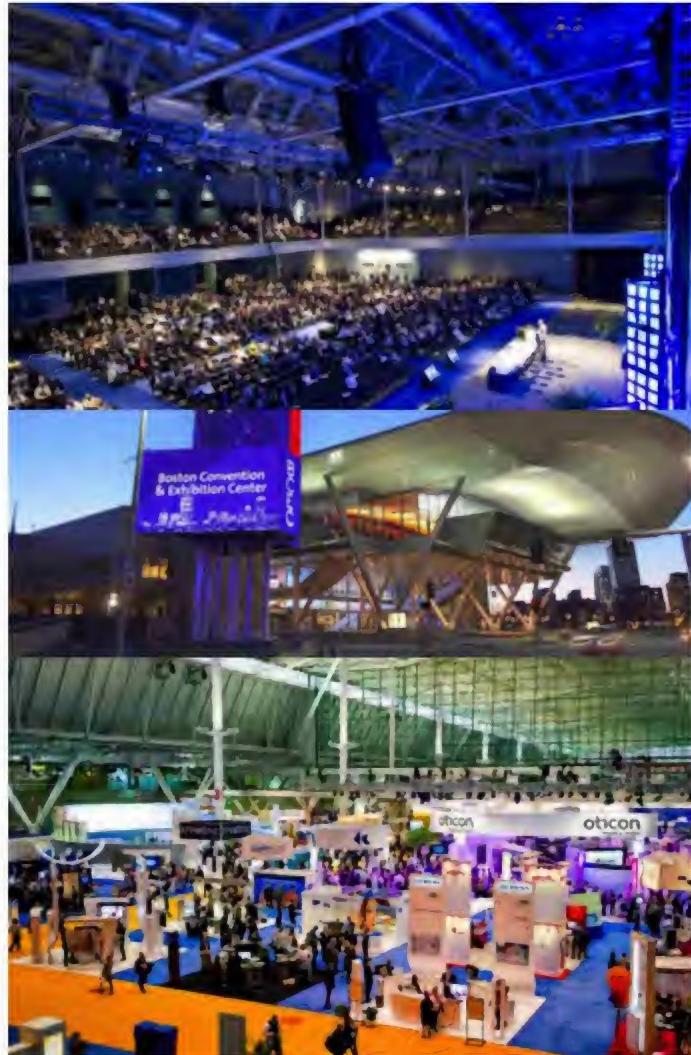
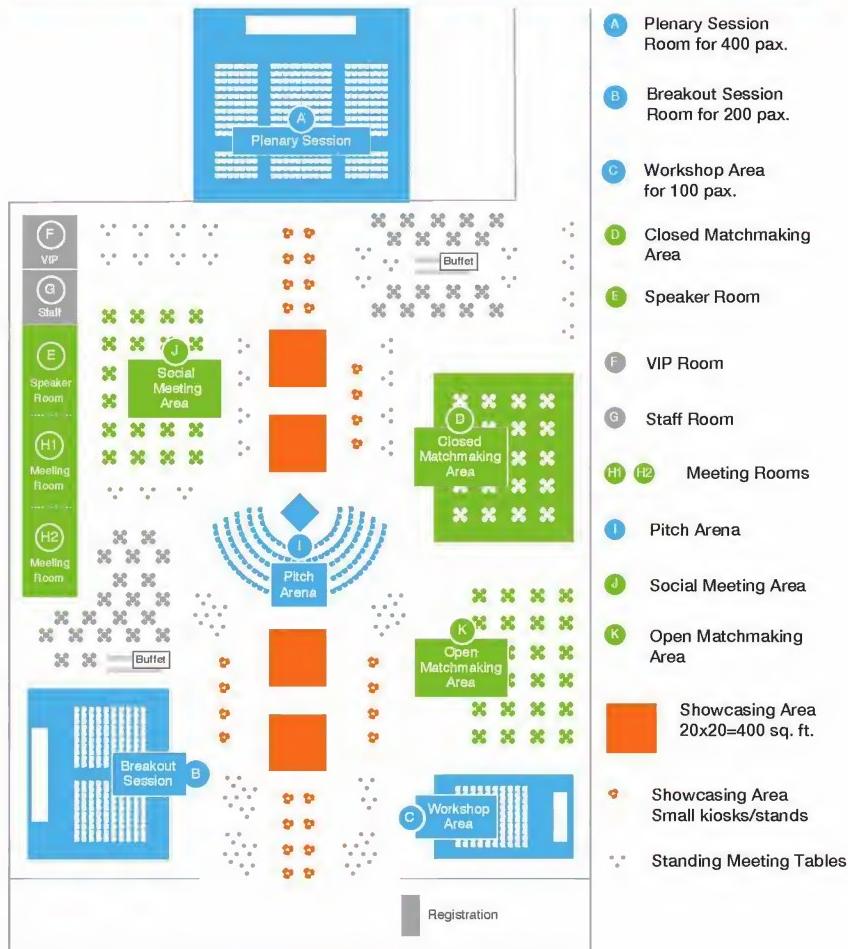


WORLD CLIMATE LTD

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CLEAN ENERGY  
CENTRE

Boston, USA, October 10-11 2018, Boston Convention & Exhibition Center



# Horizon18 / Organizers

## Founding partners



WORLD CLIMATE LTD

WORLD CLIMATE LTD develops and facilitates large-scale collaborations and transactions between businesses, governments, investors, and philanthropists for local, national and global solutions in the areas of climate change, resource efficiency, and sustainability. We provide a bridge between the private and public sectors to transform vision into reality for businesses, institutions, governments, and philanthropists.



Accelerating the Clean Energy Economy

The Northeast Clean Energy Council (NECEC) is the premier voice of businesses building a world-class clean energy hub in the US Northeast since 2006. NECEC helps clean energy companies start, scale and succeed with our unique business, innovation and policy leadership. NECEC convenes, connects and accelerates clean economy progress in the Northeast ecosystem and to networks across clean economy hubs.



MASSACHUSETTS  
CLEAN ENERGY  
CENTER

The Massachusetts Clean Energy Center (MassCEC) is a publicly-funded agency dedicated to accelerating the success of clean energy technologies, companies and projects in the Commonwealth since 2009 — while creating high-quality jobs and long-term economic growth for the people of Massachusetts.

# Contact Information

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